Index to Volume 38

Index of Issues: January, pp. 1-120; February, pp. 121-231; March, pp. 233-340; April, pp. 341-451, and ASCRS Meeting Abstracts, P1-P54; May, pp. 453-565; June, pp. 567-679; July, pp. 681-792; August, pp. 793-905; September, pp. 907-1020; October, pp. 1021-1135; November, pp. 1137-1240; December, pp. 1241-1367

A

Abdominal distention, in neonatal necrotizing enterocolitis, 866
Abdominoperineal resection
  for anorectal melanoma, 146
  immediate *vs.* salvage resection after local treatment of early rectal cancer, 177
  perineal wound healing, passive *vs.* closed suction drainage and, 926
  rectal cancer, pelvic recurrence after, 799
  sacral/perineal defects, rectus abdominis myocutaneous flap for, 940
Abrin A-chain conjugate, growth suppression of human colorectal cancer in nude mice by MAb C27-abrin A chain conjugate, 1067
Abscess
  hepatic, silent colon cancer and, 1220
  perianal, clindamicin and gentamicin-impregnated collagen implant (Gentacoll®) in, 398
  perirectal, in Crohn's disease, 389
Abstracts
  podium and poster abstracts from ASCRS meeting, P-1 (April)
  selected abstracts from other journal articles, 107, 223, 333, 444, 558, 673, 784, 899, 1011, 1123, 1229, 1335
Acidosis, laparoscopic colon surgery-induced, peritoneal mobilization and (pig), 1296
Adenocarcinoma
  appendix, management and prognosis, 848
  B72.3 immunoreactivity and, 983
  colorectal, flat, histologic comparison between Japanese and Swedish patients, 1075
  ileal pouch (*letter*), 779
Adenoma
  colonic
    mast cells in, 290
    minute sessile adenomas, natural history, 268
  colorectal
    coronary artery disease and, 873
    flat, histologic comparison between Japanese and Swedish patients, 1075
    folate status and, 64
    observer variability in assessment of type, 195
    serum gastrin levels in, 172
    serum selenium and, 1306
  rectal, in colectomized patients with familial adenomatous polyposis, adenoma-reversing/preventing properties of sulindac, 813
  sessile, natural history, 268
  villous
    rectal, endorectal ultrasonic detection of malignancy in, 1093
    rectal mucosectomy for, 233
Adenomatous polyposis coli (APC) gene, chemotherapy-induced nuclear alterations, in human colon cancer grafted onto nude mice, 853
Adrenal disorders, colorectal manifestations, 318
Adrenaline, submucosal injection, for posthemorrhoidectomy hemorrhage, 776
Adriamycin, chemotherapy-induced nuclear alterations of morphologic and genomic characteristics in human colon cancer grafted onto nude mice, 853
Advancement flap repair, persistent rectovaginal fistula, 921
Alpha-fetoprotein, sensitivity of monoclonal antibodies to, in colorectal cancer, 535
Ambulatory surgery, hemorrhoidectomy with CO_2 laser, 1265
American Society of Colon and Rectal Surgeons, Presidential Address, A View from the Bridge, 907
Anal canal
  inflammation, after ileal pouch-anal anastomosis, 803
  injury, during transanal insertion of EEA stapler, prevention via anoscopic-assisted insertion of stapler, 553
  manometric asymmetry in fecal incontinence, 1275
  pressures, prediction of response to biofeedback therapy in fecal incontinence, 1021
  sensation
    assessment via unilateral electrosensory technique, 239
    preineal descent and, 419
Anal cancer, recurrent, wide local resection and reconstruction with preservation of fecal continence, 80
Anal fissure
  botulin toxin injection therapy, perianal thrombosis following (*letter*), 781
  chronic, lateral sphincterotomy for, functional effects on internal anal sphincter, 700
  computerized manometry in, 72
  in Crohn's disease, aggressive management, 1137
  etiology, prevention, and treatment, 378
  external anal sphincter in (*letter*), 555
  lateral internal anal sphincterotomy *vs.* anal advancement flap for, 69
  pain management, topical nitroglycerin, 453
  preoperative manometry in, 735
  resting pressures in, catheter diameter and, 728
  surgical repair, sphincter defects after, 249
Anal manometry. *See* Manometry
Anal sphincter(s)
  defects after anorectal surgery, detection via anal endosonography, 249
    relation with anal manometry and fecal continence, 383
  defunctionalized, manometric status and functional outcome of ileoanal anastomosis, 458
  electromyography, in idiopathic fecal incontinence, 27
  external
    in anal fissure (*letter*), 555
    botulinum toxin injection therapy for fissure, perianal thrombosis following (*letter*), 781
  high-pressure zone, cross-sectional asymmetry, prediction of response to biofeedback therapy in fecal incontinence, 1021
  incontinent
    after ileal pouch-anal anastomosis, sphincteroplasty for, 215
    in Crohn's disease, anal fistula and, 55
    perianal autologous fat injection for, 583

Index to Volume 38

Index of Issues: January, pp. 1-120; February, pp. 121-231; March, pp. 233-340; April, pp. 341-451, and ASCRS Meeting Abstracts, P1-P54; May, pp. 453-565; June, pp. 567-679; July, pp. 681-792; August, pp. 793-905; September, pp. 907-1020; October, pp. 1021-1135; November, pp. 1137-1240; December, pp. 1241-1367

A

Abdominal distention, in neonatal necrotizing enterocolitis, 866
Abdominoperineal resection
  for anorectal melanoma, 146
  immediate *vs.* salvage resection after local treatment of early rectal cancer, 177
  perineal wound healing, passive *vs.* closed suction drainage and, 926
  rectal cancer, pelvic recurrence after, 799
  sacral/perineal defects, rectus abdominis myocutaneous flap for, 940
Abrin A-chain conjugate, growth suppression of human colorectal cancer in nude mice by MAb C27-abrin A chain conjugate, 1067
Abscess
  hepatic, silent colon cancer and, 1220
  perianal, clindamicin and gentamicin-impregnated collagen implant (Gentacoll®) in, 398
  perirectal, in Crohn's disease, 389
Abstracts
  podium and poster abstracts from ASCRS meeting, P-1 (April)
  selected abstracts from other journal articles, 107, 223, 333, 444, 558, 673, 784, 899, 1011, 1123, 1229, 1335
Acidosis, laparoscopic colon surgery-induced, peritoneal mobilization and (pig), 1296
Adenocarcinoma
  appendix, management and prognosis, 848
  B72.3 immunoreactivity and, 983
  colorectal, flat, histologic comparison between Japanese and Swedish patients, 1075
  ileal pouch (*letter*), 779
Adenoma
  colonic
    mast cells in, 290
    minute sessile adenomas, natural history, 268
  colorectal
    coronary artery disease and, 873
    flat, histologic comparison between Japanese and Swedish patients, 1075
    folate status and, 64
    observer variability in assessment of type, 195
    serum gastrin levels in, 172
    serum selenium and, 1306
  rectal, in colectomized patients with familial adenomatous polyposis, adenoma-reversing/preventing properties of sulindac, 813
  sessile, natural history, 268
  villous
    rectal, endorectal ultrasonic detection of malignancy in, 1093
    rectal mucosectomy for, 233
Adenomatous polyposis coli (APC) gene, chemotherapy-induced nuclear alterations, in human colon cancer grafted onto nude mice, 853
Adrenal disorders, colorectal manifestations, 318
Adrenaline, submucosal injection, for posthemorrhoidectomy hemorrhage, 776
Adriamycin, chemotherapy-induced nuclear alterations of morphologic and genomic characteristics in human colon cancer grafted onto nude mice, 853
Advancement flap repair, persistent rectovaginal fistula, 921
Alpha-fetoprotein, sensitivity of monoclonal antibodies to, in colorectal cancer, 535
Ambulatory surgery, hemorrhoidectomy with CO_2 laser, 1265
American Society of Colon and Rectal Surgeons, Presidential Address, A View from the Bridge, 907
Anal canal
  inflammation, after ileal pouch-anal anastomosis, 803
  injury, during transanal insertion of EEA stapler, prevention via anoscopic-assisted insertion of stapler, 553
  manometric asymmetry in fecal incontinence, 1275
  pressures, prediction of response to biofeedback therapy in fecal incontinence, 1021
  sensation
    assessment via unilateral electrosensory technique, 239
    preineal descent and, 419
Anal cancer, recurrent, wide local resection and reconstruction with preservation of fecal continence, 80
Anal fissure
  botulin toxin injection therapy, perianal thrombosis following (*letter*), 781
  chronic, lateral sphincterotomy for, functional effects on internal anal sphincter, 700
  computerized manometry in, 72
  in Crohn's disease, aggressive management, 1137
  etiology, prevention, and treatment, 378
  external anal sphincter in (*letter*), 555
  lateral internal anal sphincterotomy *vs.* anal advancement flap for, 69
  pain management, topical nitroglycerin, 453
  preoperative manometry in, 735
  resting pressures in, catheter diameter and, 728
  surgical repair, sphincter defects after, 249
Anal manometry. *See* Manometry
Anal sphincter(s)
  defects after anorectal surgery, detection via anal endosonography, 249
    relation with anal manometry and fecal continence, 383
  defunctionalized, manometric status and functional outcome of ileoanal anastomosis, 458
  electromyography, in idiopathic fecal incontinence, 27
  external
    in anal fissure (*letter*), 555
    botulinum toxin injection therapy for fissure, perianal thrombosis following (*letter*), 781
  high-pressure zone, cross-sectional asymmetry, prediction of response to biofeedback therapy in fecal incontinence, 1021
  incontinent
    after ileal pouch-anal anastomosis, sphincteroplasty for, 215
    in Crohn's disease, anal fistula and, 55
    perianal autologous fat injection for, 583

internal
in anal fissure, 72
collagen content, in neurogenic fecal incontinence, 407
fibrosis and elasticity, in neurogenic fecal incontinence, 407
functional effects of lateral sphincterotomy, 700
in neurogenic fecal incontinence, manometric anal slow wave and ultraslow wave activity and, 370
plication, for neuropathic fecal incontinence, 14
manometric asymmetry in fecal incontinence, 1275
repair/reconstruction
biceps femoris myocutaneous flap, 80
neurovascular intact muscle transposition (dog), 878
resting pressure, catheter diameter and, 728
Anal warts. *See* Condyloma acuminatum
Anastomosis
biofragmentable anastomotic ring in low anterior resection, new anastomotic gun for, 1214
coloanal
functional effects of incorporating a colonic reservoir, 375
laparoscopic very low anterior resection and coloanal anastomosis using pull-through technique, 1217
for persistent rectovaginal fistula, 921
for rectal cancer, 807
colonic
collagen structural organization during healing, growth hormone treatment and (rat), 1200
healing, chemotherapy and (rat), 886
left-sided, effect of cisapride on postoperative colonic motility, 139
mucosal proliferative activity, choice of suture material and (rat), 1026
necessity of bowel prep before (dog), 749
radiation carcinogenesis (rat model), 152
stricture formation, blood flow and (dog model), 202
colorectal
dehiscence, anastomotic protector for, 1108
pelvic drainage after, 254
ileal pouch-anal anastomosis. *See* Ileal pouch-anal anastomosis
ileoanal
functional outcome in defunctionalized anal sphincter, 458
inflammatory complications, endoluminal transpouch ultrasonographic assessment, 182
stapled, modification, 96
sutured, functional results of J-pouch *vs.* W-pouch, 567
intestinal, effect of octreotide on intestinal anastomotic healing following small bowel obstruction (rat model), 308
ligation device for low anterior anastomosis, 1322
stapled, disruption following therapeutic ultrasound, 993
Anastomotic leak
disruption of stapled anastomosis after therapeutic ultrasound, 993
endoluminal transpouch ultrasonographic assessment, 182
Anastomotic stricture/stenosis
colonic, blood flow and (dog model), 202
colorectal, transanal treatment technique, 433
Anemia, refractory, in inflammatory bowel disease, recombinant human erythropoietin therapy (*letter*), 896
Angina, colorectal neoplasia and, 873
Angiodysplasia
diffuse microscopic, 428
lower GI tract, diagnosis and management, 979
Anismus, after pelvic pouch construction, 1144
Anoplasty, lateral internal anal sphincterotomy *vs.* anal advancement flap for anal fissure, 69
Anorectal disorders
benign
pain management, topical nitroglycerin, 453
prevalence in random population, 341
melanoma, abdominoperineal resection, 146
Anorectal physiology
anal mucosal electrosensitivity, assessment via unilateral electrosensory technique, 239
continence after anterior resection of rectal cancer, 259
dynamic graciloplasty for fecal incontinence, 468
ileal pouch-anal anastomosis, 996
perineal descent and anal mucosal electrosensitivity, 419
physiologic changes after low anterior resection, 411
pudendal neuropathy and defecation in physiologic pelvic outlet obstruction, 630
rectal compliance. *See* Rectal compliance
rectoanal inhibitory reflex
free-air stimulus, 60
gradient of pressure and time of relaxation between proximal anal canal and high-pressure zone, 1043
Anti-inflammatory drugs, nonsteroidal (NSAIDs). *See* Nonsteroidal anti-inflammatory drugs
Anus
melanoma, abdominoperineal resection, 146
repair/reconstruction
biceps femoris myocutaneous flap, 80
neurovascular intact muscle transposition (dog), 878
Appendectomy, incidental (secondary), current status, 435
Appendiceal orifice, confirmation of cecal intubation in colonoscopy, 402
Appendicitis, acute, accuracy of serum C-reactive protein *vs.* surgeon's clinical impression, 1270
Appendix
adenocarcinoma, management and prognosis, 848
giant hypertrophy of epiploic appendices and colonic diverticulosis in colonic lipomatosis, 769
Arterial syndromes, in mesenteric ischemia (*letter*), 778
Arteriography, life-threatening hemorrhage in Crohn's disease, 85
Arteriovenous malformations, angiodysplasia of lower GI tract, 979
Atrophy, colonic, short-chain fatty acid infusions and (rat), 946

B

Bacon oration, 567
Bacterial translocation, intestinal obstruction and, 640
Balloon dilation, rectal, in fecal incontinence with low rectal compliance, 988
Barium enema, double contrast, minute sessile colonic adenomas, 268
Bicarbonate, fecal, in ulcerative colitis, 519
Biceps femoris myocutaneous flap, anal reconstruction, 80
Bichloroacetic acid, topical, condyloma acuminatum, 1101
B72.3 immunoreactivity, in benign abdominal lymph nodes associated with gastrointestinal disease, 983
Biofeedback therapy
fecal incontinence, 393
predictive value of manometric parameters, 1021
for paradoxical puborectalis contraction, 1144

Black population
anatomic distribution of colon cancer, relation to race, stage, grade, and histologic type, 42
short-chain fatty acid excretion in South African urban black and white populations, colon disease and, 732
Bladder cancer, family history of cancer and cancer risk, 1053
Blood flow
capillary, in J-pouch (dog), 526
colon anastomotic stricture formation and (dog), 202
Blood pressure
abrupt discontinuation of TPN and, 933
colostomy irrigation and, 615
Blood supply, ileal reservoir, lengthening of terminal ileal mesentery using marginal vascular arcade of right colon for, 893
Book reviews, 671, 782, 1009, 1121
Bookwalter™ retractor, in colorectal surgery, femoral neuropathy and, 1115
Botulin toxin injection therapy, for anal fissure, perianal thrombosis following (*letter*), 781
Bowel preparation
necessity before primary colonic anastomosis (dog), 749
patient acceptance of PEG-ELS *vs.* oral sodium phosphate, 594
Breast cancer, family history of cancer and cancer risk, 1053
Butyrate, absorption, in ulcerative colitis, 519

C

Camptothecin, chemotherapy-induced nuclear alterations of morphologic and genomic characteristics in human colon cancer grafted onto nude mice, 853
Carbohydrate antigen(s) (CA)
CA 19–9, sensitivity of monoclonal antibodies to, in colorectal cancer, 535
CA 50, sensitivity of monoclonal antibodies to, in colorectal cancer, 535
Carcinoembryonic antigen
in postoperative follow-up of colorectal cancer, 619
prediction of lymph node status in submucosa-invasive colorectal cancer, 842
sensitivity of monoclonal antibodies to, in colorectal cancer, 535
Carcinogenesis, radiation carcinogenesis at colonic anastomoses (rat model), 152
Cardiopulmonary bypass surgery, colorectal complications, 1210
Catheters/catheterization
catheter diameter and resting pressures in anal fissure, 728
catheter tube cecostomy for colonic decompression, 530
Cautery/cauterization, condyloma acuminatum, 1101
Cecostomy, catheter tube, colonic decompression, 530
Cecum, intubation, in colonoscopy
confirmation via anatomic landmarks, 402
factors predictive of failure, 964
Cell proliferation
mucosal proliferative activity at colonic anastomosis, choice of suture material and (rat), 1026
mucosal proliferative activity in ileal pouch, short chain fatty acids and, 974
radiation effects, in region of colotomy (rat model), 152
Chemoradiotherapy, adjuvant whole abdomen radiotherapy and 5-fluorouracil for advanced colon cancer, toxicity and intra-abdominal recurrence rate, 1088
Chemotherapy
chemotherapy-induced nuclear alterations of morphologic and genomic characteristics in human colon cancer grafted onto nude mice, 853
colonic anastomosis healing and (rat), 886
intraperitoneal, heated, for cancer recurrence following laparoscopic colectomy, 1110
Childbirth
ileal pouch-anal anastomosis function after, 159
multiple vaginal deliveries and risk of permanent urinary/fecal incontinence, 1206
Children. *See* Pediatric population
Chloride, fecal, in ulcerative colitis, 519
Cimetidine, adjuvant, in colorectal cancer, 514
Cinedefecography, pudendal neuropathy and defecation in physiologic pelvic outlet obstruction, 630
Cisapride, effect on postoperative colonic motility after left colonic anastomosis, 139
Clindamycin, in primary suture of anorectal abscess, gentamicin-impregnated collagen implant and, 398
Clostridium difficile colitis
severe, 350
toxic megacolon complicating, 1033
Colectomy
after cyclosporine therapy for fulminant ulcerative colitis in children, 474
in familial adenomatous polyposis, reversion and prevention of rectal adenomas by sulindac, 813
laparoscopic, 494
cancer recurrence after (*letter*), 330
impact of laparoscopy on colorectal surgery practice, 723
incisional/port-site recurrence of cancer, 1110
learning curve, 600
pneumoperitoneum in, trocar site implantation of colon cancer and (hamster model), 1182
laparoscopic mini laparotomy with colectomy, 324
sigmoid, laparoscopic colectomy and lymphadenectomy without peritoneal insufflation, 550
subtotal
effect of rectosigmoid stump length on restorative proctocolectomy, 1039
Hartmann's procedure in, for inflammatory bowel disease, 635
in ulcerative colitis unresponsive to cyclosporin, 1241
Colecystectomy, incidental (secondary), current status, 435
Colitis. *See also* Ulcerative colitis
Clostridium difficile. See Clostridium difficile colitis
collagenous, 1097
fulminant, safety of urgent restorative proctocolectomy with ileal pouch-anal anastomosis, 345
fulminant/unremitting, in inflammatory bowel disease, subtotal colectomy with Hartmann's procedure for, 635
indeterminate, long-term outcome after ileal pouch-anal anastomosis, 51
pseudomembranous. *See Clostridium difficile* colitis
Collagen
colonic subepithelial collagenous thickening in diabetic diarrhea, 1097
internal anal sphincter, in neurogenic fecal incontinence, 407
structural organization during colonic anastomotic healing, growth hormone treatment and (rat), 1200
Colon
adenomatous polyps. *See* Adenoma, colorectal

atrophic, transmural trophic effect of short-chain fatty acid infusions (rat), 946
congenital varices, in adult, 990
disorders, in South African urban black and white populations, fecal short chain fatty acids and, 732
diverticular disease, prevalence in Japan, 755
in endocrine disorders, 318
growth, short-chain fatty acid infusions and (rat), 946
laparoscopic-assisted surgery, 494
lipomatosis, giant hypertrophy of epiploic appendices and colonic diverticulosis in, 769
motility, effect of cisapride after left colonic anastomosis, 139
neural and muscular features of colonic wall in idiopathic chronic constipation, 509
NSAID toxicity, 1311
premalignant disorders, mast cells in, 290
sigmoid
intussusception, intramuscular lipoma and, 891
tuberculosis, 1327
trauma
fecal diversion for penetrating injuries, 264
skin heterotopia in posttraumatic colonic polyps, 219
Colon cancer. *See also* Colorectal cancer
advanced, adjuvant whole abdomen radiotherapy and 5-fluorouracil, toxicity and intra-abdominal recurrence rate, 1088
anatomic distribution, relation to race, stage, grade, and histologic type, 42
chemotherapy-induced nuclear alterations of morphologic and genomic characteristics in human cancer grafted onto nude mice, 853
coronary artery disease and, 873
expression of early cell cycle genes in mucosa adjacent to colon cancer, 462
family history of cancer and cancer risk, 1053
hereditary nonpolyposis, frequency, 588
laparoscopic colectomy, incisional/port-site recurrence, 723
mast cells in, 290
metastatic disease, unusual cutaneous presentation (*letter*), 670
morbidity and mortality, after curative resection, 645
recurrence
after curative resection, 645
after laparoscopic colectomy, 723
letter, 330
right, extent of lymph node dissection in, 705
risk of subsequent development of additional primary cancers, 1053
sigmoid, laparoscopic colectomy and lymphadenectomy without peritoneal insufflation for, 550
silent, pyogenic liver abscess and, 1220
trocar site implantation, pneumoperitoneum during laparoscopic colectomy and (hamster model), 1182
Colonic decompression
catheter tube cecostomy, 530
in Ogilvie's syndrome, 424
Colonoscopy
bowel preparation, patient acceptance of PEG-ELS *vs.* oral sodium phosphate, 594
cecal intubation
confirmation via anatomic landmarks, 402
factors predictive of failure, 964
dye-spraying method, detection of small, depressed rectal cancer in ulcerative colitis, 313
incomplete, predictive factors, 964
preoperative, for ileosigmoid fistula in Crohn's disease, 1084
simethicone use during (*letter*), 1007
surveillance, detection of small, depressed rectal cancer in ulcerative colitis, 313
Colorectal cancer
adjuvant cimetidine in, 514
adjuvant radiotherapy, radiation carcinogenesis at colonic anastomoses (rat model), 152
curative surgery, value of intensive follow-up, 619
early, p53 nuclear overexpression in, 1176
growth suppression of human colorectal cancer in nude mice by MAb C27-abrin A chain conjugate, 1067
hepatic metastases
detection via intraoperative ultrasonography, 355
patterns according to Couinaud's segments, 245
hereditary nonpolyposis, frequency, 588
laparoscopic resection, incisional/port-site recurrence, 723
heated intraperitoneal chemotherapy for, 1110
locally advanced, extended resection for, 1251
lymph node metastasis, nm23-H1 expression and, 651
metastatic adenocarcinoma, B72.3 immunoreactivity and, 983
"minimally invasive", histologic risk factors for lymph node metastasis, 19
postoperative morbidity and mortality, 480
in defined population, 645
prognosis
implications of heat shock protein 70 and HLA-DR tissue expression, 739
inducibility of endogenous (en-TNF) by colorectal cancer cells, 1059
value of sucrose-isomaltase activity, 1257
quality of life, stoma *vs.* nonstoma patients, 361
recurrence
after laparoscopic resection, 723, 1110
in defined population, 645
value of intensive postoperative follow-up, 619
relation to prostate cancer (*letter*), 555
sensitivity of monoclonal antibodies to various tumor markers in, 535
serum gastrin levels in, 172
serum selenium and, 1306
signet-ring cell carcinoma, 1189
submucosa-invasive, carcinoembryonic antigen staining pattern and lymph node status in, 842
survival
prognostic value of sucrose-isomaltase activity, 1257
value of intensive postoperative follow-up, 619
ulcerative colitis complicated by primary sclerosing cholangitis, 37
Colostomy
continent, colostomy tubus for (dog), 760
double-barreled wet colostomy, urinary diversion in pelvic exenteration, 1325
irrigation, vital signs during, 615
for penetrating colon injuries, 264
Colporrhaphy, rectocele repair, 7
Compliance. *See* Rectal compliance
Condom, colon anastomotic protective device, 1108
Condyloma acuminatum
autogenous vaccine for, 838
current therapy, 1101

Constipation
Hirschsprung's disease in adult, treatment, 655
idiopathic chronic, neural and muscular features of colonic wall in, 509
pudendal neuropathy and physiologic pelvic outlet obstruction, 630
pudendal neuropathy in, 166
rectocele, 7
slow transit, latency measurement of rectoanal reflexes, 1281
Continence
ileal pouch-anal anastomosis and, correlation with endosonographic findings, 383
ileal pouch-anal anastomosis physiology, 996
rectoanal inhibitory reflex in, gradient of pressure and time of relaxation between proximal anal canal and high-pressure zone during IAS relaxation, 1043
Coronary artery disease, colorectal neoplasia and, 873
Cortisol, plasma, abrupt discontinuation of TPN and, 933
Cosmesis, enhancing cosmesis in laparoscopic colon and rectal surgery, 213
Couinaud's liver segments, patterns of colorectal hepatic metastases, 245
C-reactive protein, serum level, in acute appendicitis, 1270
Crohn's disease. *See also* Colitis, indeterminate
anal fissure, aggressive management, 1137
anal fistula in, relation of clinical factors to frequency, type and outcome, 55
ileosigmoid fistula, surgical management, 1084
intestinal resection, laparoscopic-assisted, 712
life-threatening hemorrhage in, 85
perianal, management, 121, 389
perineal, severe, hyperbaric oxygenation for, 609
in primary sclerosing cholangitis, subclinical time span, 1301
strictureplasty for
hemorrhage after, 297
stapled, 664
surgical intervention, effect on health-related quality of life, 1147
Cryotherapy, condyloma acuminatum, 1101
Current status
colorectal manifestations of endocrine disease, 318
current therapy for recurrent and extensive anal warts, 1101
incidental surgery, 435
physiology of ileal pouch-anal anastomosis, 996
pouchitis, a poorly understood entity, 100
Cyclosporin, ulcerative colitis nonresonsive to, subtotal colectomy in, 1241
Cyclosporine, for fulminant ulcerative colitis in children, 474
Cystocele, four-contrast defecography in, 695
Cytokines, in pouchitis, 831

D

Defecation
after dynamic graciloplasty for fecal incontinence, 468, 1331
after low anterior resection for rectal cancer, 411
after rectal excision, functional effects of incorporating a colonic reservoir in coloanal anastomosis, 375
disorders
pudendal neuropathy in, 166
simultaneous defecography and peritoneography in, 969
incomplete evacuation, internal rectal intussusception and, 1080
obstruction, rectocele, 7
significance of rectocele size and contrast trapping, 764
Defecography
after rectocele repair, 7
evaluation of dynamic graciloplasty for fecal incontinence, 468
four-contrast, in pelvic floor relaxation disorders, 695
in internal rectal intussusception, 1080
peritoneography plus, in defecation disorders, 969
significance of rectocele size and contrast trapping, 764
simultaneous dynamic proctography and peritoneography for pelvic floor disorders, 912
Dehiscence, colorectal anastomosis, anastomotic protector for, 1108
Delorme's procedure, for rectal prolapse, modified *vs.* original technique, 301
Diabetes mellitus
colorectal manifestations, 318
diarrhea in, colonic subepithelial collagenous thickening in, 1097
Diarrhea
diabetic, colonic subepithelial collagenous thickening in, 1097
refractory, in ulcerative colitis, pneumatic dilations of rectum for, 545
Discriminant analysis, chemotherapy-induced nuclear alterations of morphologic and genomic characteristics in human colon cancer grafted onto nude mice, 853
Diverticular disease, colonic
giant hypertrophy of epiploic appendices and colonic diverticulosis in colonic lipomatosis, 769
prevalence in Japan, 755
Diverticulitis
cecal intubation rate in colonoscopy, 964
management, in young patients, 627
sigmoid, practice parameters, 125, 126
Drains/drainage, therapeutic
after rectal resection, 254
perineal wound healing and, after abdominoperineal rectal excision, 926
Duodenum, compression by superior mesenteric artery, after ileal pouch-anal anastomosis, 543
Duragesic®. *See* Fentanyl
Dye-spraying method, in colonoscopy, detection of small, depressed rectal cancer in ulcerative colitis, 313
Dysplasia
colonic, in primary sclerosing cholangitis, 1301
colorectal, ulcerative colitis complicated by primary sclerosing cholangitis, 37
grading, in colorectal adenoma, observer variability in assessment, 195
rectal
in colectomized patients with familial adenomatous polyposis, reversion by sulindac, 813
in ulcerative colitis, preoperative colonoscopic diagnosis, 313

E

Elasticity, internal anal sphincter, in neurogenic fecal incontinence, 407
Electrolyte(s), fecal, in ulcerative colitis, 519

Electromyography
anal
in male fecal incontinence, 281
pudendal neuropathy in evacuatory disorders, 166
striated anal sphincter electromyography, in idiopathic fecal incontinence, 27
Electrosensitivity, anal mucosa. *See* Mucosa, anal
Endocrine disorders, colorectal manifestations, 318
Endoscopic resection, early rectal cancer, indications, 959
Endoscopy
informed consent, patient recall of elements of consent after endoscopic procedures, 1
negative, in diffuse microscopic angiodysplasia, 428
Endosonography
anal sphincter, after ileal pouch-anal anastomosis, 383
rectal compliance, 32
sphincter defects after anorectal surgery, 249
Enterocele
four-contrast defecography in, 695
simultaneous defecography and peritoneography in, 969
simultaneous dynamic proctography and peritoneography for, 912
Enterocolitis, pseudomembranous. *See Clostridium difficile* colitis
Enteropathy, radiation-induced
efficacy of radioprotective agents in preventing radiation-induced bowel injury (rat), 716
protective effect of bowel exclusion via ommental pedicle hammock, 276
Epinephrine, plasma, abrupt discontinuation of TPN and, 933
Ergotamine suppository, complex rectovaginal fistula and, 1224
Erratum, 669, 802, 1227
Erythropoietin, serum level, in anemia secondary to inflammatory bowel disease, recombinant human erythropoietin therapy (*letter*), 896
Ethnicity, anatomic distribution of colon cancer, relation to race, stage, grade, and histologic type, 42

F

Faensler anoscope, anoscopic-assisted insertion of EEA stapler, 553
Faensler rectoscope, transanal technique for colorectal anastomotic stricture, 433
Familial adenomatous polyposis
colectomy in, reversion and prevention of rectal adenomas by sulindac, 813
ileal pouch, effects of short chain fatty acids on mucosal proliferation and inflammation in, 974
ileal pouch-anal anastomosis for. *See* Ileal pouch-anal anastomosis
rectal cancer risk, preventive effects of nonsteroidal anti-inflammatory drugs (*letter*), 668
Family history, family history of cancer and cancer risk, 1053
Fat, perianal autologous fat injection for sphincteric incontinence, 583
Fatty acids, short chain
deficiency, pouchitis and, 488
effects on mucosal proliferation and inflammation in ileal pouch, 974
fecal, in South African urban black and white populations, 732
infusions, transmural trophic effect on atrophic colon (rat), 946
in ulcerative colitis, 519
Fecal incontinence
after anorectal surgery, anal endosonographic evaluation, 249
after Delorme's procedure for rectal prolapse, 301
anorectal manovolumetric evaluation, 502
biofeedback therapy, 393
predictive value of manometric parameters, 1021
in Crohn's disease, anal fistula and, 55
dynamic graciloplasty for
defecographic evaluation, 468
outcome, 1331
idiopathic
pudendal neuropathy and, 916
striated anal sphincter electromyography in, 27
latency measurement of rectoanal reflexes, 1281
low rectal compliance in, balloon dilation of rectum and, 988
male, patterns, 281
manometric asymmetry in, 1275
neurogenic
correlation of internal anal sphincter abnormality with manometric anal waves, 370
internal anal sphincter fibrosis and elasticity in, 407
neuropathic, internal anal sphincter plication with plevic floor repair, 14
permanent, multiple vaginal deliveries and, 1206
pudendal neuropathy in, 166
prevalence, 952
seepage and soiling, rectal sensation and, 746
sphincteric, perianal autologous fat injection for, 583
Feces, short-chain fatty acid excretion, in South African urban black and white populations, 732
Femoral neuropathy, use of self-retaining Bookwalter™ retractor during colorectal surgery, 1115
Fentanyl, transdermal, for post-hemorrhoidectomy pain (*letter*), 104, 556
Fibrosis, internal anal sphincter, in neurogenic fecal incontinence, 407
Fissure-in-ano. *See* Anal fissure
Fistula
anovaginal, operative repair, 4
ileosigmoid, in Crohn's disease, 1084
rectovaginal
complex, ergotamine suppository-induced, 1224
operative repair, 4
persistent, treatment, 921
Fistula-in-ano
in Crohn's disease, relation of clinical factors to frequency, type and outcome, 55
magnetic resonance imaging (*letter*), 442
perianal Crohn's disease, 389
surgical repair, sphincter defects after, 249
Fistulotomy, for perianal Crohn's disease, 389
Flatus incontinence, permanent, multiple vaginal deliveries and, 1206
5-Fluorouracil
adjuvant whole abdomen radiotherapy and 5-fluorouracil for advanced colon cancer, toxicity and intra-abdominal recurrence rate, 1088
chemotherapy-induced nuclear alterations of morphologic and genomic characteristics in human colon cancer grafted onto nude mice, 853
colonic anastomosis healing and (rat), 886
topical, condyloma acuminatum, 1101
Folate, serum/erythrocyte level, in colonic adenoma, 64

G

Gastrin, serum level, in colorectal neoplasia, 172
Gastrointestinal bleeding. *See* Hemorrhage
Genetics, expression of early cell cycle genes in mucosa adjacent to colon cancer, 462
Gentacoll®. *See* Gentamicin
Gentamicin, gentamicin-impregnated collagen implant (Gentacoll®), in primary suture of anorectal abscess, 398
Glomerulonephritis, rapidly progressive, inflammatory bowel disease and (*letter*), 1006
Glucagon, plasma, abrupt discontinuation of TPN and, 933
Glucose, plasma, abrupt discontinuation of TPN and, 933
Glutamine, prevention of radiation-induced bowel injury (rat), 716
Gracilis transposition, for persistent rectovaginal fistula, 921
Graciloplasty, dynamic, for fecal incontinence, 468
  outcome, 1331
Growth and development, colon, short-chain fatty acid infusions and (rat), 946
Growth hormone
  effect on collagen structural organization during colonic anastomotic healing (rat), 1200
  plasma, abrupt discontinuation of TPN and, 933

H

Hartmann's procedure, subtotal colectomy and, for inflammatory bowel disease, 635
Heart rate, abrupt discontinuation of TPN and, 933
Heat shock protein 70, tissue expression, prognostic implications in colorectal cancer, 739
Hematochezia, in neonatal necrotizing enterocolitis, 866
Hemicolectomy, right
  in appendiceal adenocarcinoma, 848
  extent of lymph node dissection in, 705
Hemorrhage
  diffuse microscopic angiodysplasia and, 428
  exsanguinating, in Crohn's disease, 85
  lower GI tract, angiodysplasia and, 979
  posthemorrhoidectomy, submucosal adrenaline injection for, 776
  poststrictureplasty, in Crohn's disease, 297
Hemorrhoidectomy
  ambulatory, CO_2 laser, 1265
  anal sphincter defects after, detection via anal endosonography, 249
  effectiveness, meta-analysis, 687
  hemorrhage after, submucosal adrenaline injection for, 776
  pain management after, transdermal fentanyl for (*letter*), 104, 556
Hemorrhoids
  pain management, topical nitroglycerin, 453
  prevalence in random population, 341
  treatment, meta-analysis of comparative trials, 687
Hernia
  incisional, in colorectal surgery, nasogastric decompression and, 604
  pelvic floor, simultaneous dynamic proctography and peritoneography for, 912
Hernia repair, incidental (secondary), current status, 435
Herniography. *See* Peritoneography
Hirschsprung's disease, adult, treatment, 655
HIV infection, anorectal surgery in, 1169
HLA-DR, tissue expression, prognostic implications in colorectal cancer, 739
H_2 receptor antagonists, adjuvant cimetidine in colorectal cancer, 514
Human immunodeficiency virus. *See* HIV infection
Human papillomavirus infection. *See* Condyloma acuminatum
Hyperbaric oxygen therapy, for severe preineal Crohn's disease, 609
Hyperthermia, heated intraperitoneal chemotherapy for cancer recurrence following laparoscopic colectomy, 1110
Hysterectomy, abdominal, cecal intubation rate in colonoscopy and, 964

I

Ileal pouch-anal anastomosis
  anal canal inflammation after, 803
  delayed, 294
  double-stapled technique
    optimum level, 133
    risk of residual rectal mucosa, 207
  inability to complete (abandonment), 273
  incontinence after, anal sphincteroplasty for, 215
  in indeterminate colitis, long-term outcome, 51
  internal anal sphincter defects after, detection via anal endosonography, relation with anal manometry and fecal continence, 383
  outcome of pregnancy and delivery in, 159
  physiology, 996
  pouch failure, 793
  pouchitis, 100
  social and sexual function following, 286
  superior mesenteric artery syndrome complicating, 543
  urgent, in fulminant colitis, 345
Ileal reservoir
  adenocarcinoma (*letter*), 779
  blood supply, lengthening of terminal ileal mesentery using marginal vascular arcade of right colon for, 893
  effects of short chain fatty acids on mucosal proliferation and inflammation in ulcerative colitis and familial adenomatous polyposis, 974
  J-pouch. *See* Ileal pouch-anal anastomosis; J-pouch
Ileocecal valve, confirmation of cecal intubation in colonoscopy, 402
Ileostomy
  outcome of pregnancy and delivery in, 159
  temporary, in restorative proctocolectomy, functional results and complications with/without ileostomy, 188
Ileus, postoperative, effect of cisapride after left colonic anastomosis, 139
Image analysis, chemotherapy-induced nuclear alterations of morphologic and genomic characteristics in human colon cancer grafted onto nude mice, 853
Immune status, anorectal disease and, in HIV-infected patients, 1169
Immunization, condyloma acuminatum, 838, 1101
Immunohistochemistry
  B72.3 immunoreactivity in benign abdominal lymph nodes associated with gastrointestinal disease, 983
  carcinoembryonic antigen staining pattern and lymph node status in submucosa-invasive colorectal cancer, 842

neural and muscular features of colonic wall in idiopathic chronic constipation, 509
p53 nuclear overexpression in early colorectal cancer, 1176
prognostic implications of heat shock protein 70 and HLA-DR tissue expression in colorectal cancer, 739
Immunotherapy
condylomata acuminata, 838
growth suppression of human colorectal cancer in nude mice by MAb C27-abrin A chain conjugate, 1067
Incontinence. *See* Fecal incontinence
Infant, newborn, necrotizing enterocolitis, premature *vs.* full-term neonate, 866
Inflammation
anal canal, after ileal pouch-anal anastomosis, 803
peripouch inflammation, endoluminal transpouch ultrasonographic assessment, 182
Inflammatory bowel disease. *See also* Crohn's disease; Ulcerative colitis
anemia in, recombinant human erythropoietin therapy (*letter*), 896
ileal pouch-anal anastomosis for. *See* Ileal pouch-anal anastomosis
in primary sclerosing cholangitis, subclinical time span, 1301
rapidly progressive glomerulonephritis and (*letter*), 1006
subtotal colectomy with Hartmann's procedure for, 635
surgical intervention, effect on health-related quality of life, 1147
Informed consent
discussion of risk of failure/abandonment, 273
patient recall of elements of consent after endoscopic procedures, 1
Infrapyloric lymph nodes, dissection, in right colon cancer, 705
Infrared coagulation, hemorrhoids, effectiveness, meta-analysis, 687
Injection sclerotherapy, hemorrhoids, effectiveness, meta-analysis, 687
In Memoriam, Traux, Mildred I., 329
Innervation, colonic wall, in idiopathic chronic constipation, 509
Insulin, plasma, abrupt discontinuation of TPN and, 933
Interleukin(s), in pouchitis, 831
Internet, general surgery Internet forum (*letter*), 780
Intestinal obstruction
after ileal pouch-anal anastomosis, superior mesenteric artery syndrome, 543
bacterial translocation and, 640
colonic, catheter tube cecostomy in, 530
effect of octreotide in small bowel obstruction model (rat), 308
Intestinal resection, laparoscopic-assisted, for Crohn's disease, 712
Intestine(s), radiation-induced injury. *See* Enteropathy, radiation-induced
Intubation, nasogastric decompression in elective abdominal colorectal surgery, incidence of incisional hernia and, 604
Intussusception
rectal
internal, 1080
simultaneous defecography and peritoneography in, 969
sigmoid colon, intramuscular lipoma and, 891
Irradiation. *See* Radiotherapy
Irrigation
colostomy, vital signs during, 615
simethicone, during colonoscopy (*letter*), 1007

J

J-pouch. *See also* Ileal pouch-anal anastomosis
construction, endoscopic stapler for, 98
functional results, W-pouch *vs.*, 567
social and sexual function following, 286
tissue blood flow in (dog), 526

K

Ki-ras gene, chemotherapy-induced nuclear alterations, in human colon cancer grafted onto nude mice, 853
Kock pouch
Barnett continent intestinal reservoir, 573
outcome of pregnancy and delivery in, 159

L

Lactate, secretion, in ulcerative colitis, 519
Laparoscopy
colectomy
learning curve, 600
pneumoperitoneum in, trocar site implantation of colon cancer and (hamster model), 1182
colectomy and lymphadenectomy without peritoneal insufflation for sigmoid colon cancer, 550
colorectal surgery, 494
enhancing cosmesis, 213
impact of laparoscopy on colorectal surgery practice, 723
registry, 681
relative role (*letter*), 1119
intestinal resection, for Crohn's disease, 712
mini laparotomy with colectomy, 324
pneumoperitoneum in, acidosis and (pig), 1296
rectopexy, for rectal prolapse, open resection *vs.*, 199
rectosacral suture fixation, for rectal prolapse, 211
very low anterior resection and coloanal anastomosis using pull-through technique, 1217
Laser Doppler flowmetry, capillary blood flow in J-pouch (dog), 526
Laser surgery
CO_2 laser, ambulatory hemorrhoidectomy, 1265
condyloma acuminatum, 1101
Letters, 104, 330, 442, 555, 668, 778, 896, 1006, 1119, 1227
Leucovorin, colonic anastomosis healing and (rat), 886
Lipoma, intramuscular, sigmoid colon, intussusception and, 891
Lipomatosis, colonic, giant hypertrophy of epiploic appendices and colonic diverticulosis in, 769
Liver
abscess, silent colon cancer and, 1220
metastatic colorectal cancer
detection via intraoperative ultrasonography, 355
patterns according to Couinaud's segments, 245
Low anterior resection
biofragmentable anastomotic ring in, new anastomotic gun for, 1214
changes in physiologic behavior of anorectum after, 411
continence after, 259
double-stapling technique, morbidity, mortality,recurrence and survival, 1246
immediate *vs.* salvage resection after local treatment of early rectal cancer, 177

laparoscopic very low anterior resection and coloanal anastomosis using pull-through technique, 1217
ligation device for low anterior anastomosis, 1322
pelvic recurrence after, 799
Lymphadenectomy, in right colon cancer, extent of optimal dissection, 705
Lymph nodes
dissection. *See* Lymphadenectomy
metastatic disease
colorectal cancer, nm23-H1 expression and, 651
"minimally invasive" colorectal cancer, histologic risk factors, 19
rectal cancer
indications for endoscopic treatment, 959
preoperative ultrasonic detection, 1047
submucosa-invasive colorectal cancer, predictive value of carcinoembryonic antigen staining pattern, 842

M

MAb. *See* Monoclonal antibody study
Magnetic resonance imaging, fistula-in-ano (*letter*), 442
Malpractice, patient recall of elements of informed consent after endoscopic procedures, 1
Manometry
after rectocele repair, 7
anorectal manovolumetric evaluation of rectal reservoir function in fecal incontinence, 502
computerized, in anal fissure, 72
correlation with endosonographic findings in ileal pouch-anal anastomosis, 383
defunctionalized anal sphincter, functional outcome of ileoanal anastomosis, 458
distal rectal excitatory reflex and pudendal neuropathy, 916
effect of cisapride on postoperative colonic motility after left colonic anastomosis, 139
fecal seepage and soiling and, 746
functional effects of lateral sphincterotomy on internal anal sphincter, 700
in idiopathic fecal incontinence, 27
ileal pouch-anal anastomosis physiology, 996
in male fecal incontinence, 281
manometric asymmetry in fecal incontinence, 1275
prediction of response to biofeedback therapy in fecal incontinence, 1021
preoperative, in chronic anal fissure, 735
pudendal neuropathy in evacuatory disorders, 166
rectal compliance in ulcerative colitis with refractory diarrhea, 545
rectoanal inhibitory reflex, free-air stimulus, 60
resting pressures in anal fissure, catheter diameter and, 728
slow wave and ultraslow wave activity in fecal incontinence, correlation with internal anal sphincter abnormality, 370
sphincter defects after anorectal surgery, 249
Mast cells, in colonic neoplasia and premalignant disorders, 290
Meckel's diverticulectomy, incidental (secondary), current status, 435
Melanoma, anorectal, abdominoperineal resection, 146
Mesenteric ischemia, acute arterial syndrome in (*letter*), 778
Meta-analysis, comparison of hemorrhoid therapies, 687
Metachronous cancer, radiation carcinogenesis at colonic anastomoses (rat model), 152
Metastatic disease
cutaneous, colon cancer (*letter*), 670
hepatic, colorectal cancer
detection via intraoperative ultrasonography, 355
patterns according to Couinaud's segments, 245
lymph nodes
colorectal cancer, nm23-H1 expression and, 651
histologic risk factors, "minimally invasive" colorectal cancer and, 19
rectal cancer
indications for endoscopic treatment, 959
preoperative ultrasonic detection, 1047
in submucosa-invasive colorectal cancer, predictive value of carcinoembryonic antigen staining pattern, 842
Metoclopramide, in PEG-ELS bowel prep, patient acceptance, 594
Mini laparotomy, laparoscopic, with colectomy, 324
Monoclonal antibody study
B72.3 immunoreactivity in benign abdominal lymph nodes associated with gastrointestinal disease, 983
growth suppression of human colorectal cancer in nude mice by MAb C27-abrin A chain conjugate, 1067
nm23-H1 expression and lymph node metastasis in colorectal cancer, 651
p53 nuclear overexpression in early colorectal cancer, 1176
sensitivity of monoclonal antibodies to various tumor markers in colorectal cancer, 535
Morbidity and mortality
after rectal resection, use of pelvic drains and, 254
after resection of colorectal cancer, 480
colorectal cancer
surgical outcome in defined population, 645
value of intensive postoperative follow-up, 619
subtotal colectomy in ulcerative colitis unresponsive to cyclosporin, 1241
Mucosa
anal, electrosensitivity, 239
perineal descent and, 419
colonic
expression of early cell cycle genes in mucosa adjacent to colon cancer, 462
proliferative activity at colonic anastomosis, choice of suture material and (rat), 1026
colorectal, flat adenomas and flat adenocarcinomas, histologic comparison between Japanese and Swedish patients, 1075
ileal pouch, proliferative activity, effect of short chain fatty acids, 974
rectal
butyrate absorption and lactate secretion in ulcerative colitis, 519
retained, after double-stapled ileal pouch-anal anastomosis, 207
Mucosectomy, rectal, for giant villous tumors, 233
Multivariate analysis, chemotherapy-induced nuclear alterations of morphologic and genomic characteristics in human colon cancer grafted onto nude mice, 853
Muscle
biceps femoris myocutaneous flap, anal reconstruction, 80
gracilis transposition, for persistent rectovaginal fistula, 921

neurovascular intact muscle transposition for anal sphincter repair (dog), 878
Myenteric plexus, colonic, in idiopathic chronic constipation, 509
Myocardial infarction, colorectal neoplasia and, 873
Myocutaneous flap
biceps femoris, anal reconstruction, 80
rectus abdominis myocutaneous flap for sacral/perineal defects secondary to irradiation and abdominoperineal resection, 940

N

Nasogastric decompression, in elective abdominal colorectal surgery, incidence of incisional hernia and, 604
Neonatal necrotizing enterocolitis, premature *vs.* full-term neonate, 866
Neoplasia, colorectal
coronary artery disease and, 873
flat adenomas and flat adenocarcinomas, histologic comparison between Japanese and Swedish patients, 1075
mast cells in, 290
serum gastrin levels and, 172
serum selenium and, 1306
ulcerative colitis complicated by primary sclerosing cholangitis, 37
Neostigmine, intravenous, colonic decompression in Ogilvie's syndrome, 424
Neurophysiology, pudendal neuropathy and defecation in physiologic pelvic outlet obstruction, 630
Nitric oxide, pain in benign anal disease, 453
Nitroglycerin, topical, pain management in benign anal disease, 453
nm23-H1 expression, in colorectal cancer, lymph node involvement and, 651
Nonsteroidal anti-inflammatory drugs
in familial adenomatous polyposis, rectal cancer and (*letter*), 668
sulindac reversion and prevention of rectal adenoma in colectomized patients with familial adenomatous polyposis, 813
toxicity in large intestine, 1311
Norepinephrine, plasma, abrupt discontinuation of TPN and, 933
NSAIDs. *See* Nonsteroidal anti-inflammatory drugs

O

Observer variability, in assessment of type in colorectal adenoma, 195
Octreotide, effect of octreotide on intestinal anastomotic healing following small bowel obstruction (rat model), 308
Ogilvie's syndrome, colonic decompression, intravenous neostigmine for, 424
Omental pedicle hammock procedure, protection against radiation-induced enteropathy during pelvic radiotherapy, 276
Omentectomy, incidental (secondary), current status, 435
Oncogenes, expression of early cell cycle genes in mucosa adjacent to colon cancer, 462
Oophorectomy
bilateral, in appendiceal adenocarcinoma, 848
incidental (secondary), current status, 435
Orations, Harry E. Bacon, 567
Oxygen therapy, hyperbaric, for severe preineal Crohn's disease, 609

P

p53
chemotherapy-induced nuclear alterations, in human colon cancer grafted onto nude mice, 853
nuclear overexpression in early colorectal cancer, 1176
Pain management
benign anal disease, topical nitroglycerin, 453
transdermal fentanyl for post-hemorrhoidectomy pain (*letter*), 104, 556
Pancreatic cancer, family history of cancer and cancer risk, 1053
Parathyroid disorders, colorectal manifestations, 318
Parenteral nutrition, total, abrupt discontinuation, hormonal response, 933
Pediatric population
fulminant ulcerative colitis, cyclosporine treatment, 474
rectoanal inhibitory reflex, free-air stimulus, 60
PEG-ELS (polyethylene glycol-electrolyte lavage solution), bowel prep, patient acceptance, 594
Pelvic exenteration, urinary diversion in, double-barreled wet colostomy for, 1325
Pelvic floor
disorders, simultaneous dynamic proctography and peritoneography for, 912
hernia, simultaneous dynamic proctography and peritoneography for, 912
relaxation disorders, four-contrast defecography in, 695
Pelvic floor repair, neuropathic fecal incontinence, adjuvant internal anal sphincter plication, 14
Pelvic outlet obstruction, pudendal neuropathy and defecation in, 630
Pelvic reservoir
Barnett continent intestinal reservoir, 573
functional effects of incorporating a colonic reservoir in coloanal anastomosis, 375
ileal J-pouch. *See* J-pouch
inflammatory complications, endoluminal transpouch ultrasonographic assessment, 182
paradoxical puborectalis contraction and, 1144
Perforation, cecal, catheter tube cecostomy in, 530
Perineal descent, anal mucosal electrosensitivity and, 419
Perineum, defects secondary to irradiation and abdominoperineal resection, rectus abdominis myocutaneous flap for, 940
Peritoneocele, 969
Peritoneography
defecography plus, in defecation disorders, 969
dynamic proctography plus, pelvic floor disorders, 912
Peritoneum, carcinomatosis, heated intraperitoneal chemotherapy for cancer recurrence following laparoscopic colectomy, 1110
pH, fecal, in South African urban black and white populations, 732
Pituitary disorders, colorectal manifestations, 318
Pneumatic dilation, rectum, for refractory diarrhea in ulcerative colitis, 545
Pneumatosis intestinalis, in neonatal necrotizing enterocolitis, 866
Pneumoperitoneum, in laparoscopic colectomy
acidosis and (pig), 1296
trocar site implantation of colon cancer and (hamster model), 1182
Podophyllin, topical, condyloma acuminatum, 1101
Polyp(s)
adenomatous. *See* Adenoma

colonic
adenomatous. *See* Adenoma
mast cells in, 290
posttraumatic, with skin heterotopia, 219
Polypectomy
colonoscopic, for "minimally invasive" colorectal cancer, histologic risk factors for lymph node metastasis, 19
minute sessile colonic adenomas, 268
Potassium, fecal, in ulcerative colitis, 519
Pouchitis
cytokine production in, 831
ileal pouch-anal anastomosis, 100
short-chain fatty acid deficiency and, 488, 974
Practice parameters, Sigmoid diverticulitis, 125
Pregnancy, ileal pouch-anal anastomosis and, 159
Presidential Address
ASCRS, 1994 meeting, 907
Primary sclerosing cholangitis
inflammatory bowel disease in, subclinical time span, 1301
in ulcerative colitis, colorectal neoplasia and, 37
Proctectomy
for perianal Crohn's disease, 389
permanent, delayed ileoanal pull-through procedure months/years after, 294
Proctitis, after ileal pouch-anal anastomosis, 803
Proctocolectomy
restorative
acute pouchitis and short-chain fatty acid deficiency, 488
anal canal inflammation after, 803
effect of rectosigmoid stump length, 1039
functional results, J-pouch *vs.* W-pouch configuration with sutured ileoanal anastomosis, 567
ileal pouch-anal anastomosis. *See* Ileal pouch-anal anastomosis
lengthening of terminal ileal mesentery using marginal vascular arcade of right colon for ileal pouch, 893
pelvic drainage after, 254
safety for fulminant colitis, 345
with/without temporary ileostomy, functional results and complications, 188
total, Barnett continent intestinal reservoir in, 573
Proctography
dynamic, peritoneography plus, pelvic floor disorders, 912
evacuation. *See also* Defecography
significance of rectocele size and contrast trapping, 764
Prostaglandin(s), rectal tissue content, in colectomized patients with familial adenomatous polyposis, sulindac therapy and, 813
Prostate cancer
family history of cancer and cancer risk, 1053
relation to colorectal cancer (*letter*), 555
Pruritus ani, prevalence in random population, 341
Pseudomembranous colitis. *See Clostridium difficile* colitis
Pseudomembranous enterocolitis. *See Clostridium difficile* colitis
Pseudomyxoma peritonei, 848
Pseudo-obstruction, colonic, catheter tube cecostomy in, 530
Puborectalis muscle, nonrelaxing (paradoxical contraction), pelvic pouch construction and, 1144
Pudendal nerve, trauma, perineal descent and anal mucosal electrosensitivity, 419
Pudendal nerve terminal motor latency
in idiopathic fecal incontinence, 916
in male fecal incontinence, 281
pudendal neuropathy in evacuatory disorders, 166
Pudendal neuropathy
in evacuatory disorders, 166
in fecal incontinence, 916
prevalence, 952
physiologic pelvic outlet obstruction and, 630
Pulse rate, colostomy irrigation and, 615

Q

Quality of life
Barnett continent intestinal reservoir, 573
colorectal cancer, stoma *vs.* nonstoma patients, 361
following ileal pouch-anal anastomosis, 286
health-related, effect of surgical intervention in inflammatory bowel disease, 1147
postoperative, in rectal cancer, 959

R

Race. *See* Black population; Ethnicity; White population
Radioprotectants, efficacy of radioprotective agents in preventing radiation-induced bowel injury (rat), 716
Radiotherapy
adjuvant
colorectal carcinoma, radiation carcinogenesis at colonic anastomoses (rat model), 152
for invasive rectal cancer, 1193
adjuvant whole abdomen radiotherapy and 5-fluorouracil for advanced colon cancer, toxicity and intra-abdominal recurrence rate, 1088
efficacy of radioprotective agents in preventing bowel injury (rat), 716
rectal cancer
bowel exclusion via ommental pedicle hammock, 276
recurrent, 799
sacral/perineal defects, rectus abdominis myocutaneous flap for, 940
Reconstructive surgery
biceps femoris myocutaneous flap, anal reconstruction, 80
ileoanal pull-through procedure months/years after permanent proctectomy, 294
neurovascular intact muscle transposition for anal sphincter repair (dog), 878
rectus abdominis myocutaneous flap for sacral/perineal defects secondary to irradiation and abdominoperineal resection, 940
Rectal cancer. *See also* Colorectal cancer
abdominoperineal resection, effect of passive *vs.* closed suction drainage on perineal wound healing, 926
coloanal anastomosis for, disease-free survival and, 807
depressed, in ulcerative colitis, preoperative colonoscopic diagnosis, 313
early, indications for endoscopic resection, 959
immediate *vs.* salvage resection after local treatment, 177
invasive, follow-up of local excision and radiotherapy, 1193
laparoscopic resection, recurrence, 723
laparoscopic very low anterior resection and coloanal anastomosis using pull-through technique, 1217
low anterior resection
continence after, 259
double-stapling technique, morbidity, mortality, recurrence and survival, 1246

physiologic changes in anorectum after, 411
lymph node metastasis, preoperative ultrasonic detection, 1047
morbidity and mortality, after curative resection, 645
nerve-sparing surgery for, loco-regional recurrence, 1162
radiotherapy, bowel exclusion via ommental pedicle hammock, 276
recurrence
after curative resection, 645
local, ultrasonographic detection, 1047
radiotherapy, 799
risk, in familial adenomatous polyposis, preventive effects of nonsteroidal anti-inflammatory drugs (*letter*), 668
in villous adenoma, endorectal ultrasonic detection, 1093
Rectal compliance
anorectal manovolumetric evaluation of rectal reservoir function in fecal incontinence, 502
determination by rectal endosonography, 32
low, in fecal incontinence, effect of rectal dilation, 988
in ulcerative colitis with refractory diarrhea, 545
Rectal dilation. *See* Rectum, balloon dilation; Rectum, pneumatic dilation
Rectal prolapse
Delorme's procedure for, modified *vs.* original technique, 301
laparoscopic rectopexy for, open resection *vs.*, 199
laparoscopic rectosacral suture fixation for, 211
repair (*letter*), 330
simultaneous defecography and peritoneography in, 969
Rectal sensation, disordered, fecal seepage and soiling and, 746
Rectal stricture/stenosis
circular stapled rectal strictureplasty, 660
ergotamine suppository and, 1224
Rectoanal excitatory reflex
distal, pudendal neuropathy and, 916
latency measurement, 1281
Rectoanal inhibitory reflex
in fecal continence, gradient of pressure and time of relaxation between proximal anal canal and high-pressure zone during IAS relaxation, 1043
free-air stimulus, 60
latency measurement, 1281
Rectocele
barium trapping, significance, 764
four-contrast defecography in, 695
operative repair, 7
Rectopexy
for internal rectal intussusception, 1080
laparoscopic
for rectal prolapse, 199
rectosacral suture fixation, for rectal prolapse, 211
Rectum
balloon dilation, in fecal incontinence with low rectal compliance, 988
in endocrine disorders, 318
laparoscopic-assisted surgery, 494
melanoma, abdominoperineal resection, 146
pneumatic dilation, for refractory diarrhea in ulcerative colitis, 545
reservoir function, manovolumetric assessment, in fecal incontinence, 502
tumors, transanal excision via laparoscopic stapler, 327
Rectus abdominis myocutaneous flap, for sacral/perineal defects, 940
Research Foundation, highlights, 105
Respiratory distress, in neonatal necrotizing enterocolitis, 866
Retractor, Bookwalter™ retractor use in colorectal surgery, femoral neuropathy and, 1115
Ribose-cysteine, prevention of radiation-induced bowel injury (rat), 716
Rubber band ligation, hemorrhoids, effectiveness, meta-analysis, 687

S

Sacrum, defects secondary to irradiation and abdominoperineal resection, rectus abdominis myocutaneous flap for, 940
Scanning electron microscopy, effect of growth hormone on collagen structural organization during colonic anastomotic healing (rat), 1200
Sebaceous glands, in posttraumatic colonic polyps, 219
Selenium, serum level, colorectal neoplasia and, 1306
Self-assessment quiz, 106, 222, 332, 443, 557, 672, 783, 898, 1010, 1122, 1228, 1334
Semitendinous muscle, resting length, neurovascular intact muscle transposition for anal sphincter repair (dog), 878
Sepsis, peripouch, endoluminal transpouch ultrasonographic assessment, 182
Seton, in management of perianal Crohn's disease, 389
Sexual function, following ileal pouch-anal anastomosis, 286
Short segment disease, treatment, 655
Signet-ring cell carcinoma, colorectal, 1189
Simethicone, irrigation, during colonoscopy (*letter*), 1007
Skin, metastatic lesion of colon cancer (*letter*), 670
Skin heterotopia, in posttraumatic colonic polyps, 219
Social function, following ileal pouch-anal anastomosis, 286
Sodium, fecal, in ulcerative colitis, 519
Sodium phosphate, oral, bowel prep, patient acceptance, 594
Solitary rectal ulcer syndrome, internal rectal intussusception and, 1080
Sphincteroplasty, persistent rectovaginal fistula, 921
Sphincterotomy
internal, for anal fissure in Crohn's disease, 1137
lateral, functional effect on internal anal sphincter, 700
lateral internal anal sphincterotomy for anal fissure, anal advancement flap *vs*, 69
Splenectomy, incidental (secondary), current status, 435
Staging, expression of nm23-H1 in colorectal cancer, lymph node involvement and, 651
Stapling procedures
anoscopic-assisted insertion of EEA stapler, 553
circular stapled rectal strictureplasty, 660
disruption of stapled anastomosis following therapeutic ultrasound, 993
endoscopic stapler for ileal J-pouch construction, 98
ileal pouch-anal anastomosis
optimum level, 133
retained rectal mucosa after, 207
ileoanal anastomosis, modification, 96
ligation device for low anterior anastomosis, 1322
low anterior resection using double-stapling technique for rectal cancer, morbidity, mortality,recurrence and survival, 1246
stapled stricturoplasty for Crohn's disease, 664
transanal excision of rectal tumors via laparoscopic stapler, 327

Stenosis, anastomotic. *See* Anastomotic stricture/stenosis
Stomatherapy, enhancing cosmesis in laparoscopic colon and rectal surgery, 213
Stricture
anastomotic. *See* Anastomotic stricture/stenosis
rectal. *See* Rectal stricture/stenosis
Stricturoplasty
circular stapled rectal stricturoplasty, 660
for Crohn's disease, hemorrhage after, 297
stapled strictureplasty for Crohn's disease, 664
Sucrose-isomaltase, in colorectal cancer, prognosis and, 1257
Sulindac, reversion and prevention of rectal adenoma, in colectomized patients with familial adenomatous polyposis, 813
Superior mesenteric artery, lengthening of terminal ileal mesentery using marginal vascular arcade of right colon for ileal pouch, 893
Superior mesenteric artery syndrome, ileal pouch-anal anastomosis and, 543
Surgery/surgical technique. *See also specific techniques*
adjuvant internal anal sphincter plication with pelvic floor repair for neuropathic fecal incontinence, 14
ambulatory hemorrhoidectomy with CO_2 laser, 1265
anal fissure, 378
in Crohn's disease, 1137
lateral internal anal sphincterotomy *vs.* anal advancement flap, 69
anal sphincteroplasty for incontinence after ileal pouch-anal anastomosis, 215
anorectal fistula repair, 4
anorectal surgery in HIV-infected patients, 1169
anoscopic-assisted insertion of EEA stapler, 553
changes in physiologic behavior of anorectum after low anterior resection, 411
circular stapled rectal strictureplasty, 660
colorectal cancer
locally advanced, extended resection, 1251
"minimally invasive", curative resection, 19
outcome in defined population, 645
postoperative morbidity and mortality, 480
sphincter-saving *vs.* sphincter-sacrificing procedure, quality of life and, 361
colorectal complications of cardiac surgery, 1210
colorectal surgery
necessity of bowel prep before (dog), 749
self-retaining Bookwalter™ retractor, femoral neuropathy and, 1115
continent colostomy, colostomy tubus for (dog), 760
Crohn's disease
ileosigmoid fistula, 1084
laparoscopic-assisted intestinal resection, 712
perianal, 121, 389
stapled stricturoplasty, 664
Delorme's procedure for rectal prolapse, 301
disruption of stapled anastomosis following therapeutic ultrasound, 993
double-barreled wet colostomy for urinary diversion in pelvic exenteration, 1325
dynamic graciloplasty for fecal incontinence, 468
outcome, 1331
endoscopic resection of early rectal cancer, 959
endoscopic stapler for ileal J-pouch construction, 98
enhancing cosmesis in laparoscopic colon and rectal surgery, 213
extent of lymphadenectomy in right colon cancer, 705
fecal diversion for penetrating colon injuries, 264
functional effects of incorporating a colonic reservoir in coloanal anastomosis, 375
functional results of restorative proctocolectomy, J-pouch *vs.* W-pouch configuration with sutured ileoanal anastomosis, 567
general surgery Internet forum (*letter*), 780
ileal pouch-anal anastomosis. *See* Ileal pouch-anal anastomosis
ileoanal anastomosis, stapled, modification, 96
ileoanal pull-through procedure months/years after permanent proctectomy, 294
incidental surgery, current status, 435
intraluminal bypass tube for management of acutely obstructed left colon, 1108
laparoscopic-assisted mini laparotomy with colectomy, 324
laparoscopic bowel surgery registry, 681
laparoscopic colectomy, learning curve, 600
laparoscopic colectomy and lymphadenectomy without peritoneal insufflation for sigmoid colon cancer, 550
laparoscopic colorectal surgery, 494
impact of laparoscopy on colorectal surgery practice, 723
registry, 681
laparoscopic suture rectopexy, 211
laparoscopic very low anterior resection and coloanal anastomosis using pull-through technique, 1217
lengthening of terminal ileal mesentery using marginal vascular arcade of right colon as blood supply to ileal pouch, 893
ligation device for low anterior anastomosis, 1322
nasogastric decompression in elective abdominal colorectal surgery, incidence of incisional hernia and, 604
new anastomotic gun for biofragmentable anastomotic ring in low anterior resection, 1214
pelvic drainage after rectal resection, 254
pelvic pouch construction, paradoxical puborectalis contraction and, 1144
for persistent rectovaginal fistula, 921
rectal cancer
abdominoperineal resection, effect of passive *vs.* closed suction drainage on perineal wound healing, 926
coloanal anastomosis, 807
functional results after anterior resection, 259
immediate *vs.* salvage resection after local treatment of early lesions, 177
local excision and radiotherapy, 1193
low anterior resection using double-stapling technique, morbidity, mortality, recurrence and survival, 1246
nerve-sparing surgery for, loco-regional recurrence and, 1162
rectocele repair, 7
rectus abdominis myocutaneous flap for sacral/perineal defects, 940
restorative proctocolectomy with/without temporary ileostomy, functional results and complications, 188
safety of urgent restorative proctocolectomy with ileal pouch-anal anastomosis for fulminant colitis, 345
for severe *Clostridium difficile* colitis, 350
sphincter defects after anorectal surgery, detection via anal endosonography, 249

submucosal adrenaline injection for posthemorrhoidectomy hemorrhage, 776
subtotal colectomy with Hartmann's procedure for inflammatory bowel disease, 635
transanal excision of rectal tumors via laparoscopic stapler, 327
transanal technique for colorectal anastomotic stricture, 433
wide local resection and reconstruction for recurrent anal cancer, preservation of fecal continence, 80
Surveillance, colonoscopic, detection of small, depressed rectal cancer in ulcerative colitis, 313
Sutures/suturing
choice of suture material and mucosal proliferative activity at colonic anastomoses (rat), 1026
laparoscopic rectosacral suture fixation for rectal prolapse, 211
primary suture of anorectal abscess, gentamicin-impregnated collagen implant in, 398

T

Thrombosis, perianal, botulinum toxin injection therapy for anal fissure and (*letter*), 781
Thyroid disorders, colorectal manifestations, 318
Tissue polypeptide antigen, sensitivity of monoclonal antibodies to, in colorectal cancer, 535
Toxic megacolon, in *Clostridium difficile* colitis, 1033
TPN. *See* Parenteral nutrition, total
Transillumination, confirmation of cecal intubation in colonoscopy, 402
Transit study, after rectocele repair, 7
Trauma
penetrating colon injuries, fecal diversion for, 264
pudendal nerve, perineal descent and anal mucosal electrosensitivity, 419
skin heterotopia in posttraumatic colonic polyps, 219
Trichloroacetic acid, topical, condyloma acuminatum, 1101
Tuberculosis, sigmoid colon, isolated, 1327
Tumor-associated glycoprotein 72 antigen, immunolocalization, reliability as cancer marker, 983
Tumor markers
p53 nuclear overexpression in early colorectal cancer, 1176
sensitivity of monoclonal antibodies to various tumor markers in colorectal ccancer, 535
Tumor necrosis factor, endogenous (en-TNF), inducibility by colorectal cancer cells, prognostic value following curative resection, 1059
Tumor necrosis factor alpha, in pouchitis, 831

U

Ulcerative colitis
atypical. *See* Colitis, indeterminate
butyrate absorption and lactate excretion in, 519
cytokines in, 831
depressed rectal cancer complicating, preoperative colonoscopic diagnosis, 313
fulminant, in pediatric population, cyclosporine therapy and subsequent colectomy, 474
ileal pouch, effects of short chain fatty acids on mucosal proliferation and inflammation in, 974
ileal pouch-anal anastomosis for. *See* Ileal pouch-anal anastomosis
in primary sclerosing cholangitis, subclinical time span, 1301
primary sclerosing cholangitis complicating, colorectal neoplasia and, 37
refractory diarrhea in, pneumatic dilations of rectum for, 545
subtotal colectomy, morbidity, 1241
surgical intervention, effect on health-related quality of life, 1147
Ultrasonography
disruption of stapled anastomosis after, 993
endoluminal transpouch ultrasonographic assessment of peripouch inflammation, 182
endorectal ultrasonic detection of malignancy in rectal villous adenoma, 1093
intraoperative, detection of colorectal hepatic metastases, 355
preoperative lateral lymphatic spread and local recurrence of rectal cancer, 1047
rectal endosonography. *See* Endosonography
Urinary diversion, in pelvic exenteration, double-barreled wet colostomy, 1325
Urinary incontinence, multiple vaginal deliveries and, 1206

V

Vaccine/vaccination. *See* Immunization; Immunotherapy
Varix/varices, colonic, congenital, in adult, 990
Vasopressin infusion, life-threatening hemorrhage in Crohn's disease, 85
Villous tumors
giant, rectal mucosectomy for, 233
rectal, endorectal ultrasonic detection of malignancy in, 1093
Volvulus, cecal, catheter tube cecostomy in, 530

W

White population
anatomic distribution of colon cancer, relation to race, stage, grade, and histologic type, 42
short-chain fatty acid excretion in South African urban black and white populations, colon disease and, 732
Wound healing
after anorectal surgery, in HIV-infected patients, 1169
colonic anastomosis
chemotherapy and (rat), 886
collagen structural organization during, growth hormone treatment and (rat), 1200
effect of octreotide on intestinal anastomotic healing following small bowel obstruction (rat model), 308
perineal, after abdominoperineal rectal excision, passive *vs.* closed suction drainage and, 926
postoperative radiotherapy and, rectus abdominis myocutaneous flap for sacral/perineal defects, 940
W-pouch, functional results, J-pouch *vs.*, 567
WR-2721, prevention of radiation-induced bowel injury (rat), 716